

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100763.D
 Acq On : 21 Nov 2017 7:01
 Operator : SJ/JU
 Sample : I6311-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-111717

Quant Time: Nov 21 11:56:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

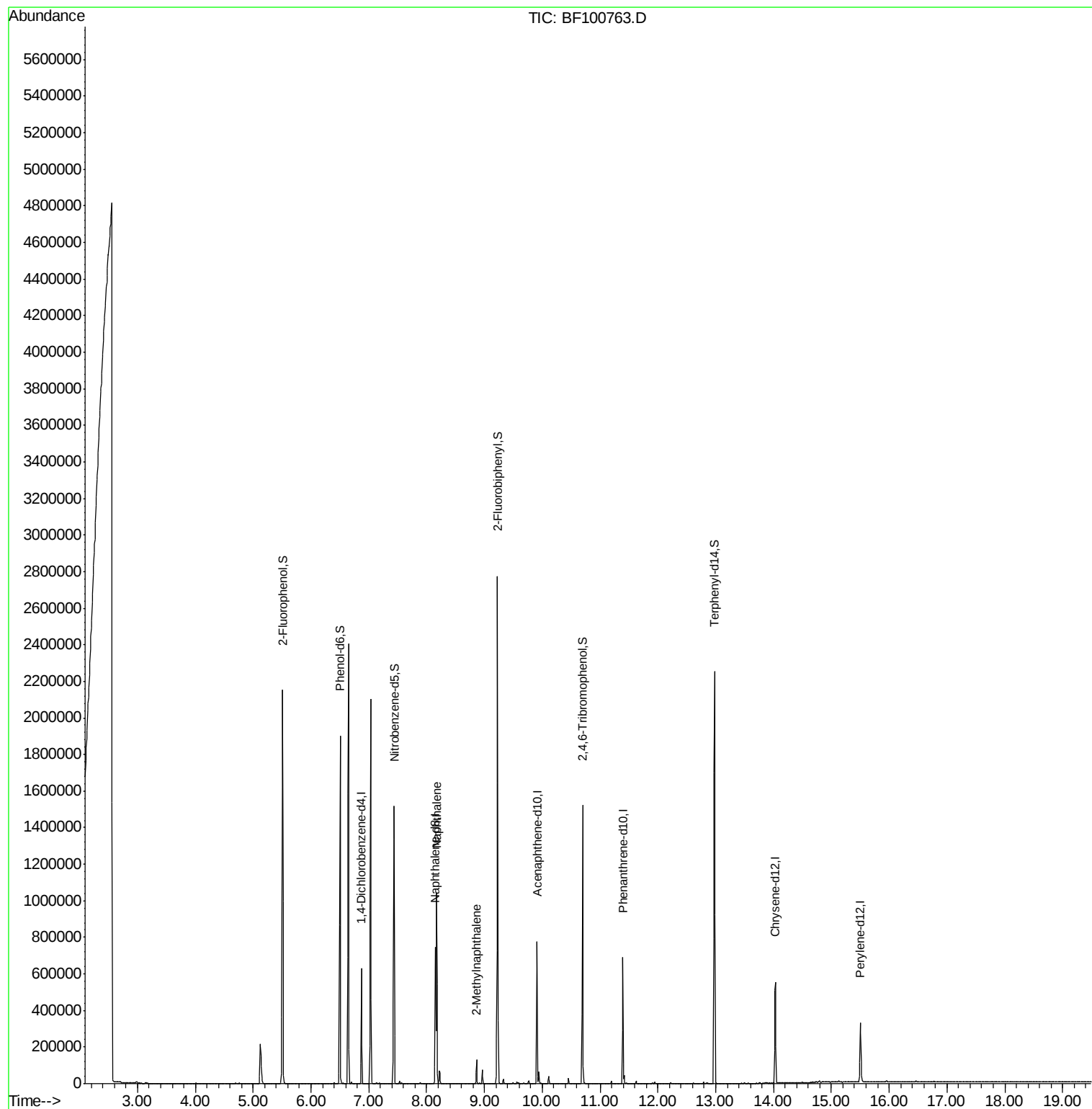
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91188	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	354846	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	155731	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	249268	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	202411	20.00	ng	-0.01
86) Perylene-d12	15.50	264	156389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	643290	113.08	ng	0.02
7) Phenol-d6	6.50	99	699384	99.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	552185	102.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	196947	124.11	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1073962	105.01	ng	0.00
78) Terphenyl-d14	12.98	244	784072	89.01	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	431179	25.228	ng	99
37) 2-Methylnaphthalene	8.86	142	34708	3.059	ng	98

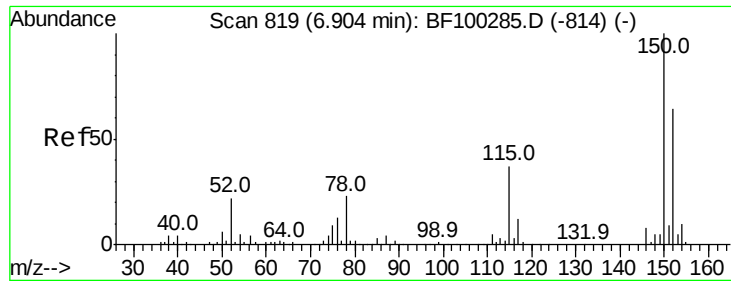
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100763.D
Acq On : 21 Nov 2017 7:01
Operator : SJ/JU
Sample : I6311-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-111717

Quant Time: Nov 21 11:56:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



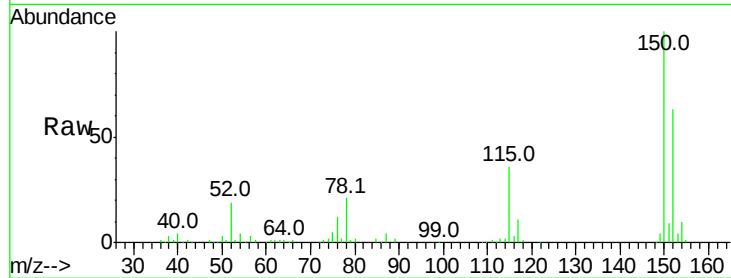


#1

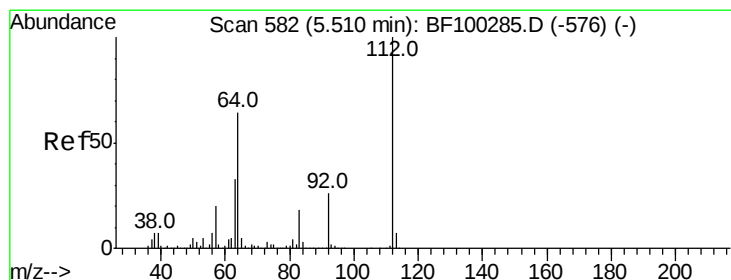
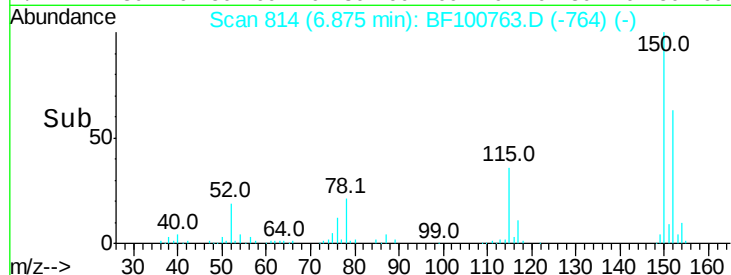
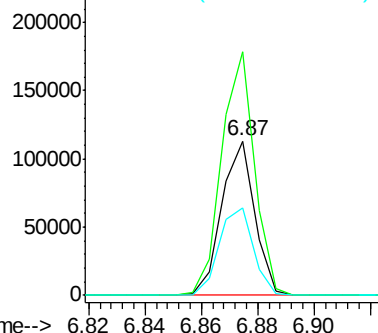
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-111717

Tot Ion:152 Resp: 91188
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 56.9 50.1 75.1



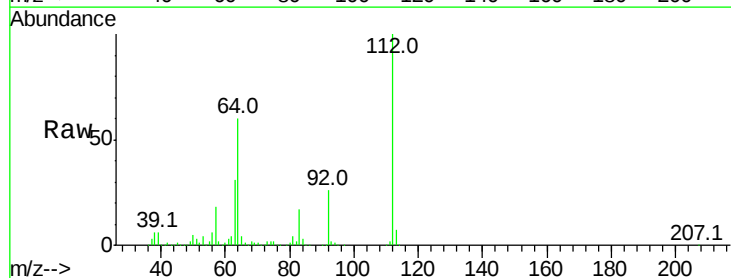
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



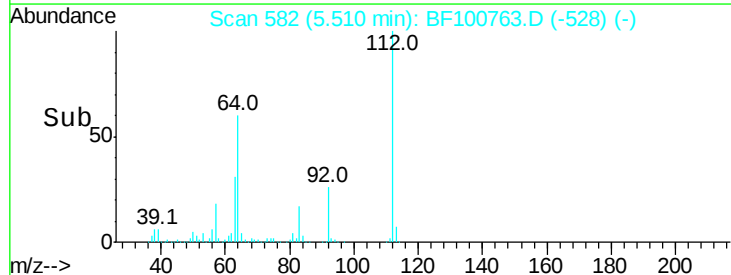
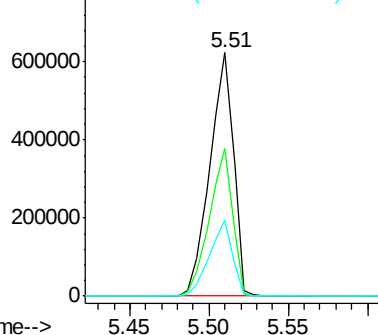
#5

2-Fluorophenol
 Concen: 113.083 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Tgt Ion:112 Resp: 643290
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.701 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100763.D

Acq: 21 Nov 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TR-04-111717

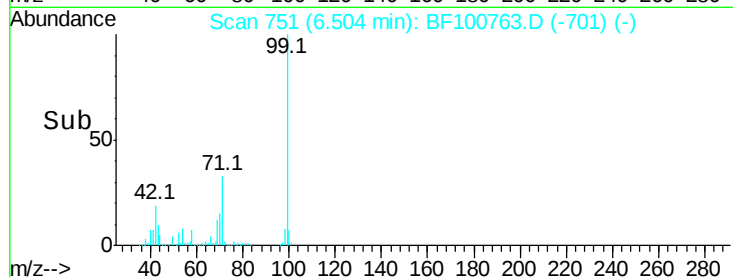
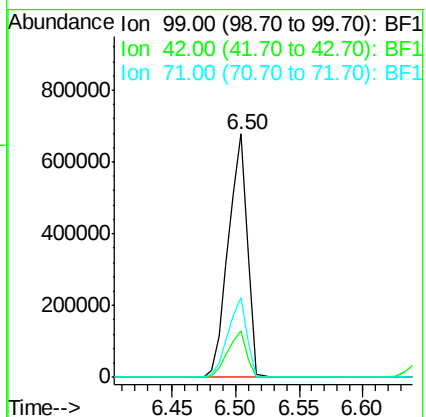
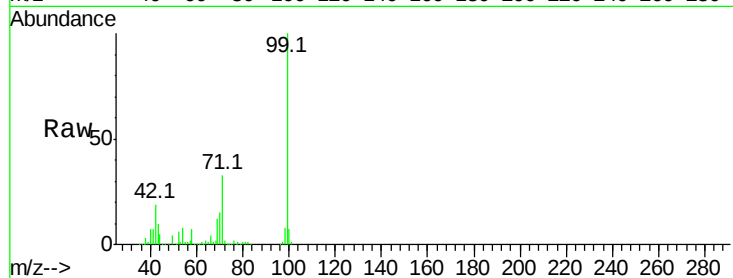
Tot Ion: 99 Resp: 699384

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100763.D

Acq: 21 Nov 2017 7:01

Tgt Ion: 136 Resp: 354846

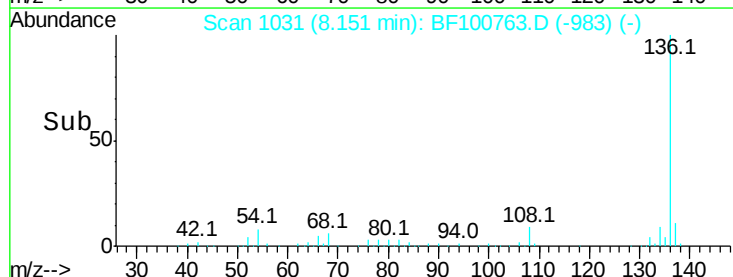
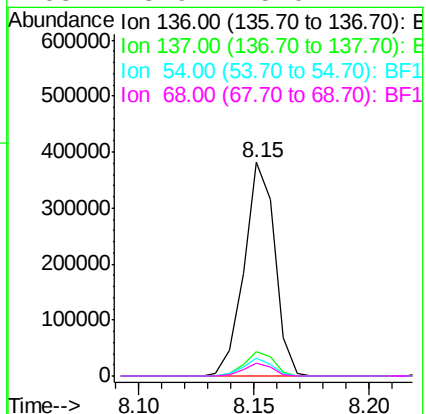
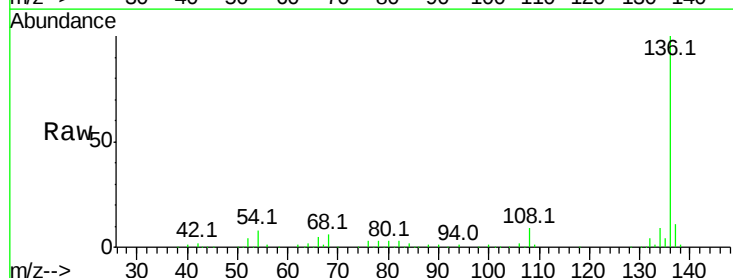
Ion Ratio Lower Upper

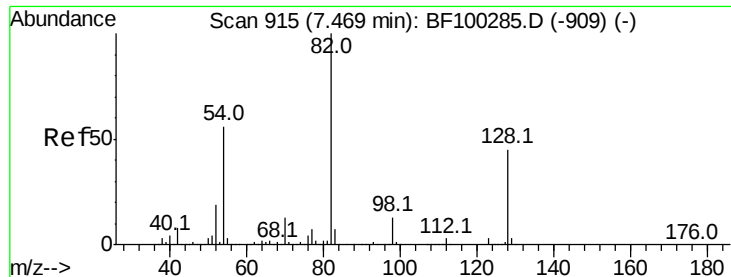
136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 5.9 5.0 7.4

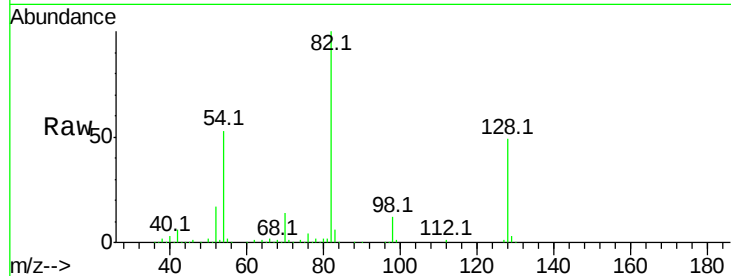




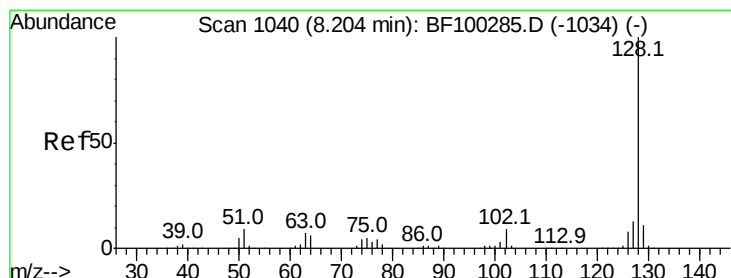
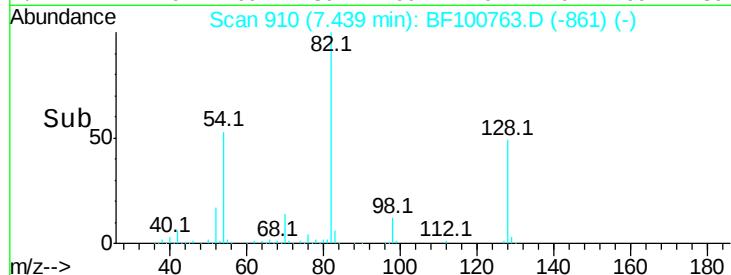
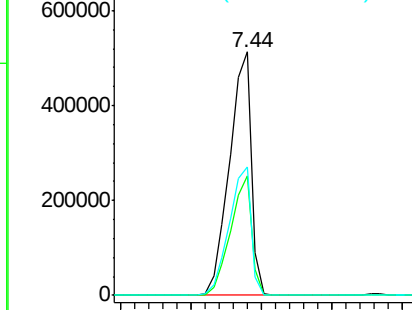
#23
 Nitrobenzene-d5
 Concen: 102.881 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-111717

Tot Ion	82	Resp	552185
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	52.9	41.4	62.2

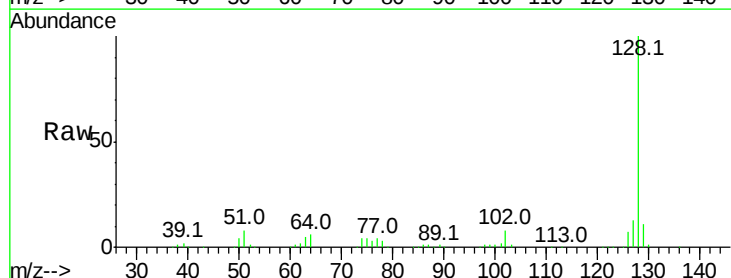


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

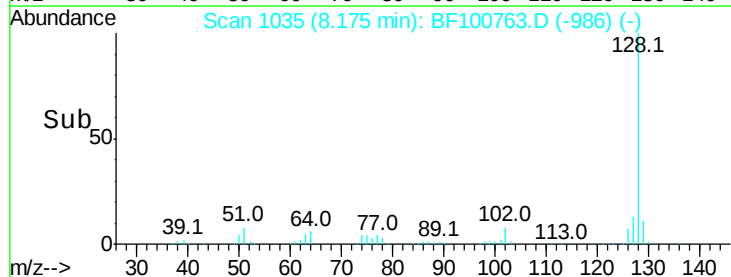
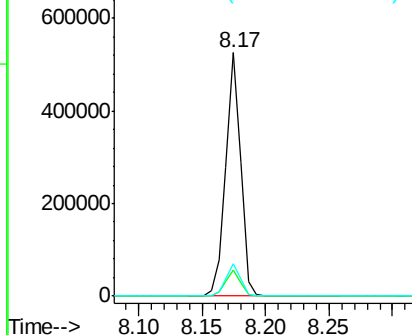


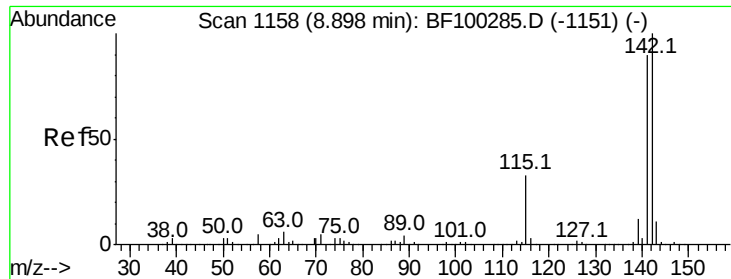
#31
 Naphthalene
 Concen: 25.228 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Tgt Ion	128	Resp	431179
Ion Ratio	100	Lower	Upper
129	10.7	8.8	13.2
127	13.4	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1

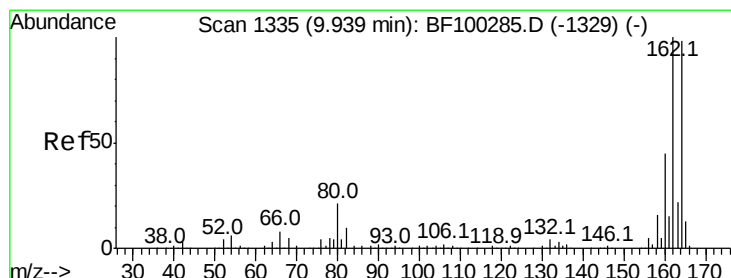
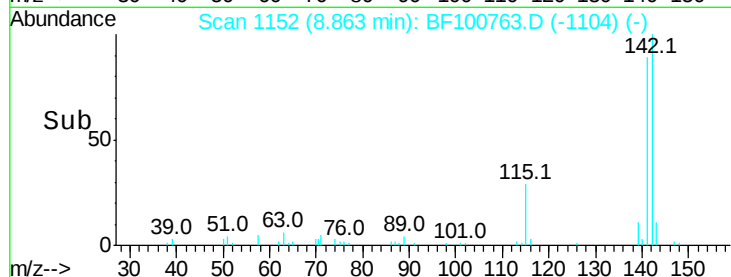
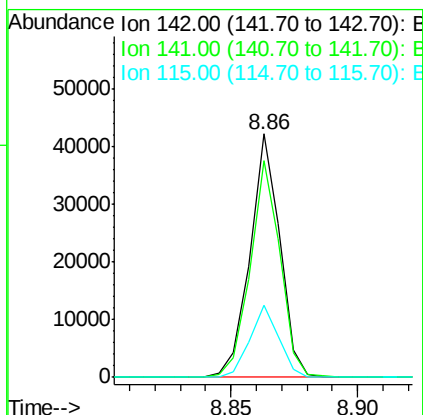
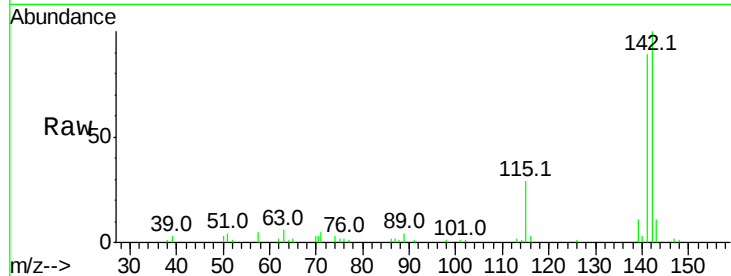




#37
 2-Methylnaphthalene
 Concen: 3.059 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

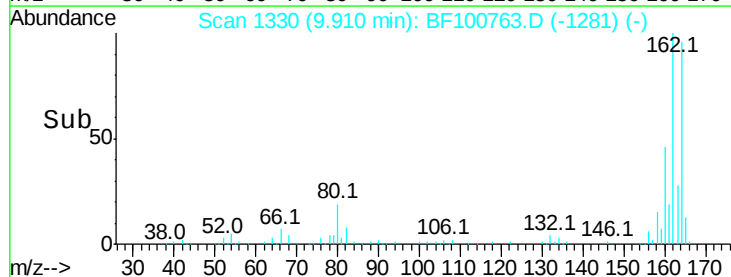
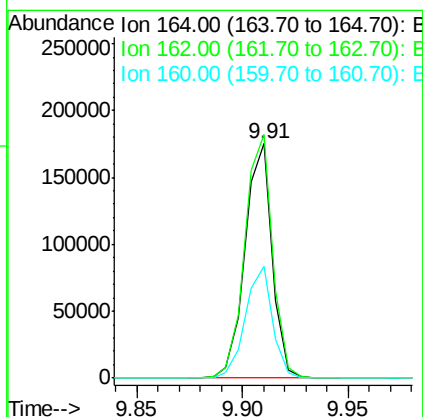
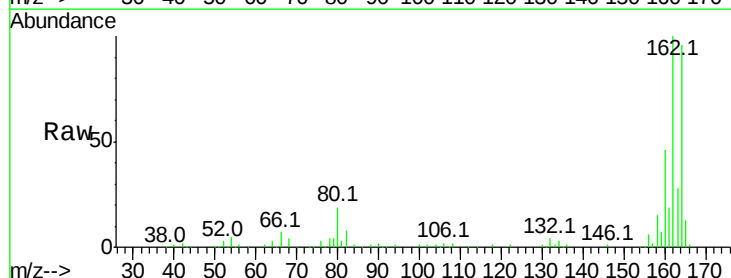
Instrument :
 BNA_F
 ClientSampled :
 TR-04-111717

Tot Ion:142 Resp: 34708
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 29.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Tgt Ion:164 Resp: 155731
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 47.7 38.3 57.5

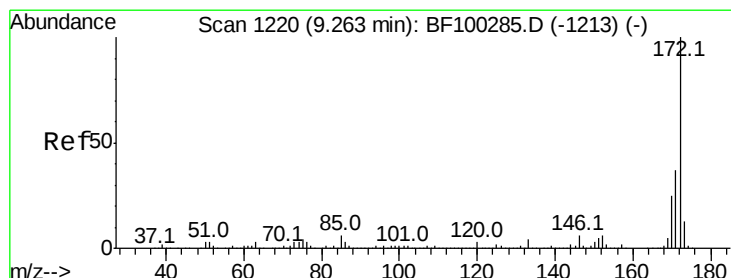
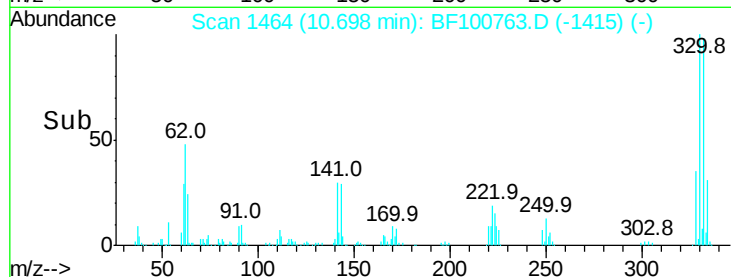
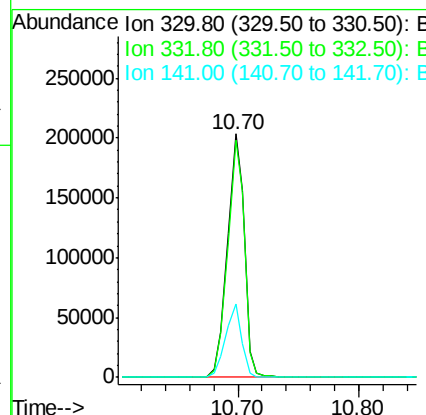
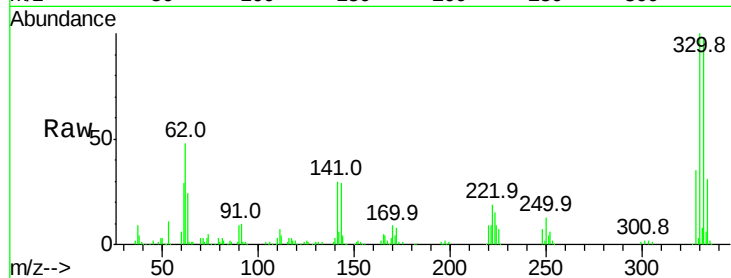




#41
 2,4,6-Tribromophenol
 Concen: 124.108 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

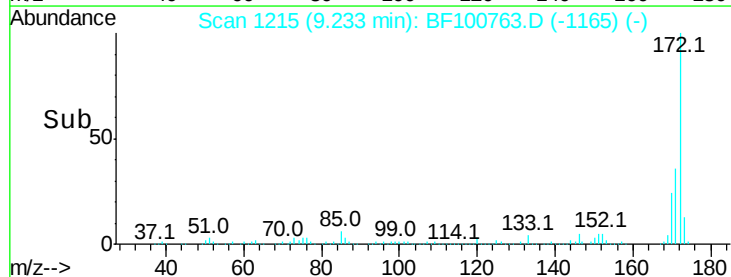
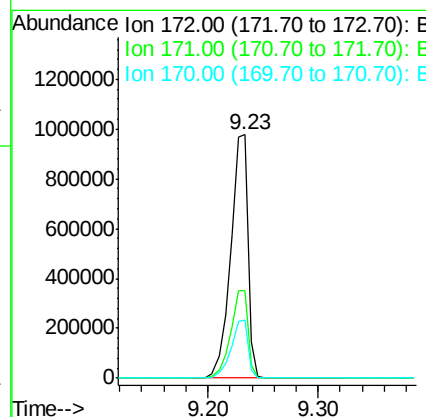
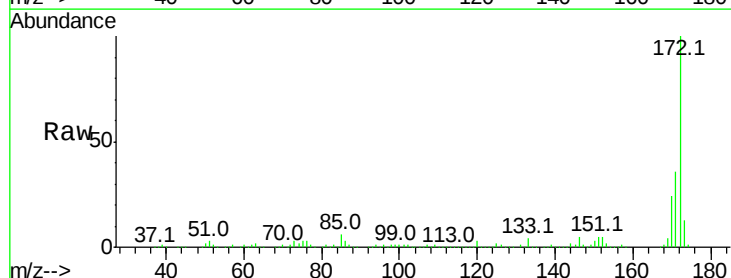
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-111717

Tot Ion:330 Resp: 196947
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 28.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 105.010 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100763.D
 Acq: 21 Nov 2017 7:01

Tgt Ion:172 Resp: 1073962
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.6 19.6 29.4

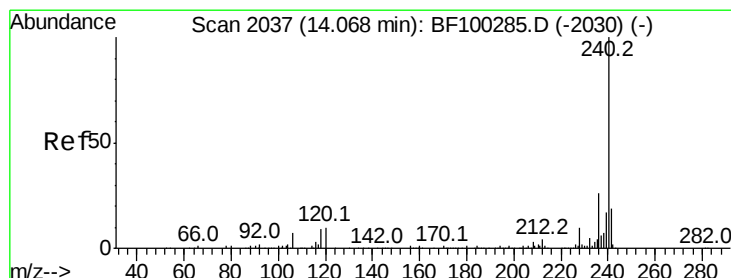
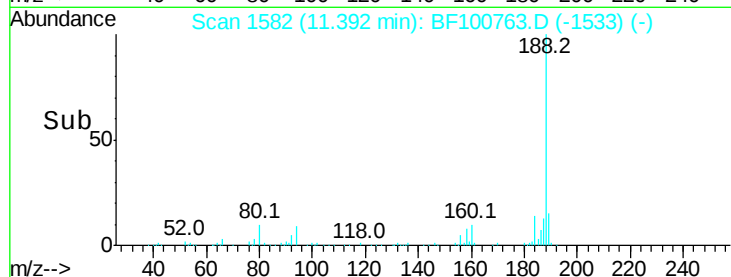
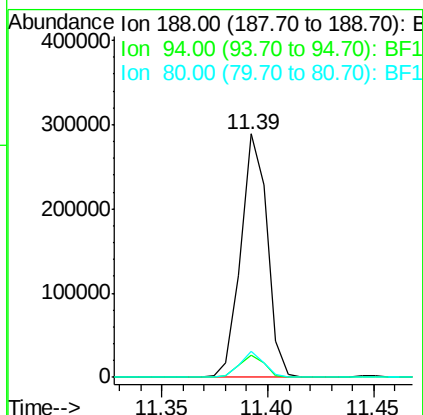
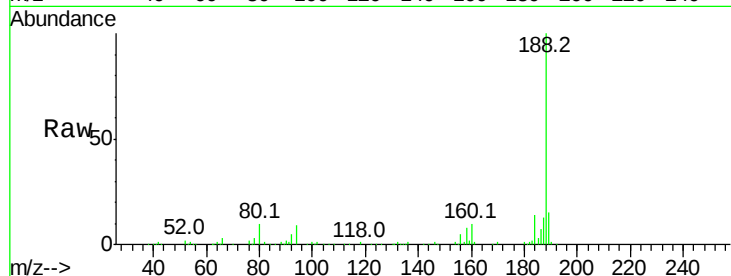




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

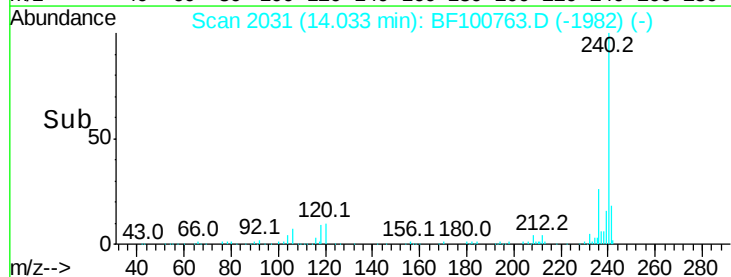
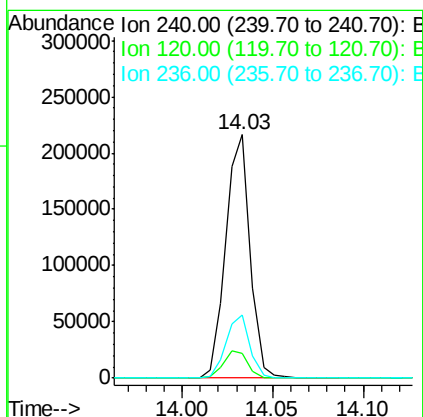
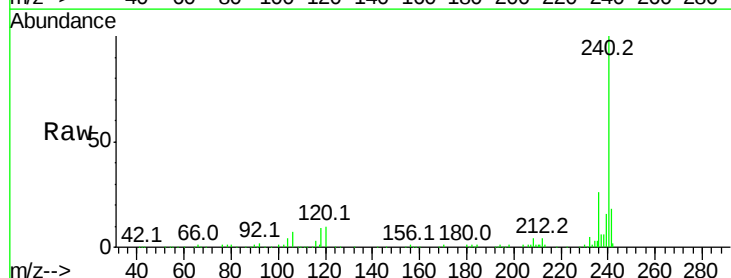
Instrument :
BNA_F
ClientSampleId :
TR-04-111717

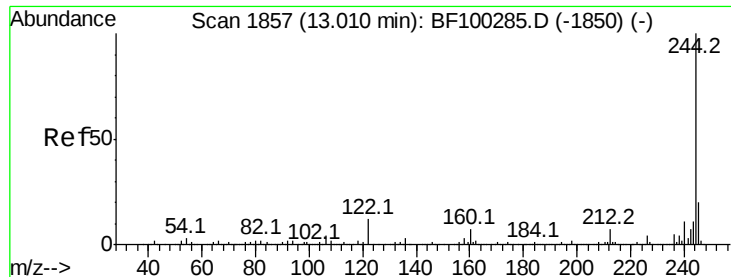
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 89.005 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100763.D

Acq: 21 Nov 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TR-04-111717

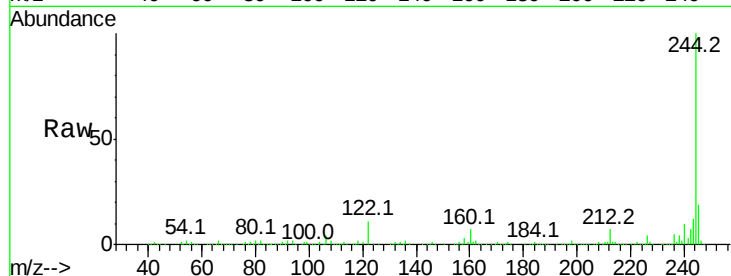
Tot Ion:244 Resp: 784072

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

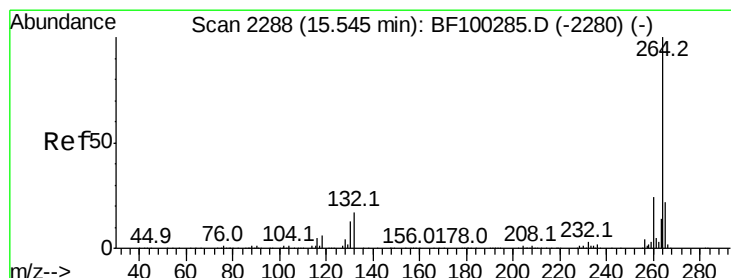
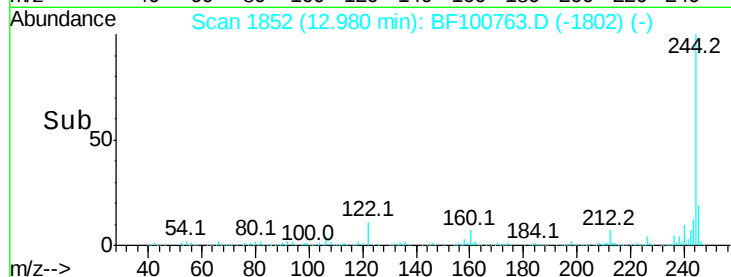
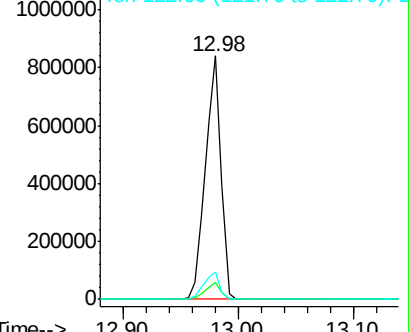
122 11.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100763.D

Acq: 21 Nov 2017 7:01

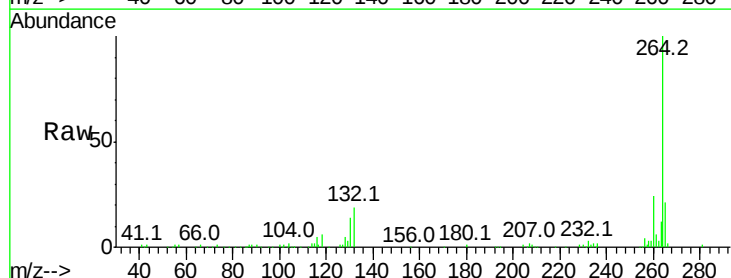
Tgt Ion:264 Resp: 156389

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

